



MMS-2/MMS-3

EXPLOSION-PROOF MOMENTARY RELEASE STATION



P/N: See Chart

Standard Features

- Zones 1,2 and safe area
- EExed IIC T6
- MMS-3: ATEX approved Ex II 2GD
- PTB Certified
- MMS-2: UL Listed for USA and Canada
 - Class I, Div 2, Groups A - D
 - Class I, Zone 1, AExde IIB+H₂ T6
 - Class II, Div 1, Groups E, F & G (cUL)
- IP66
- Spring Return Pushbutton (Momentary Release)
- Operating Temperature
 - MMS-2: -4°F to 104°F (-20°C to 40°C)
 - MMS-3: -67°F to 122°F (-55°C to 50°C)
- Impact resistant thermoplastic
- Retained stainless steel cover screws

Overview

The MMS-2 and MMS-3 momentary release stations, intended for use in potentially explosive atmospheres or outdoor applications, are suitable for use in all gas groups including hydrogen. (Except Acetylene Class I, Zone 1)

These rugged enclosures are manufactured from a UV stable, impact resistant polyamide; cover fixing screws are stainless steel thus ensuring a corrosion-free product.

The MMS-2 and MMS-3 offer a compact footprint and the high ingress protection rating makes the MMS-2 and MMS-3 suitable for use in harsh environmental conditions.

The MMS-2 and MMS-3 have spring return (momentary) pushbuttons protected by a lift flap cover. A lead wire seal is provided for additional security to prevent accidental operation.

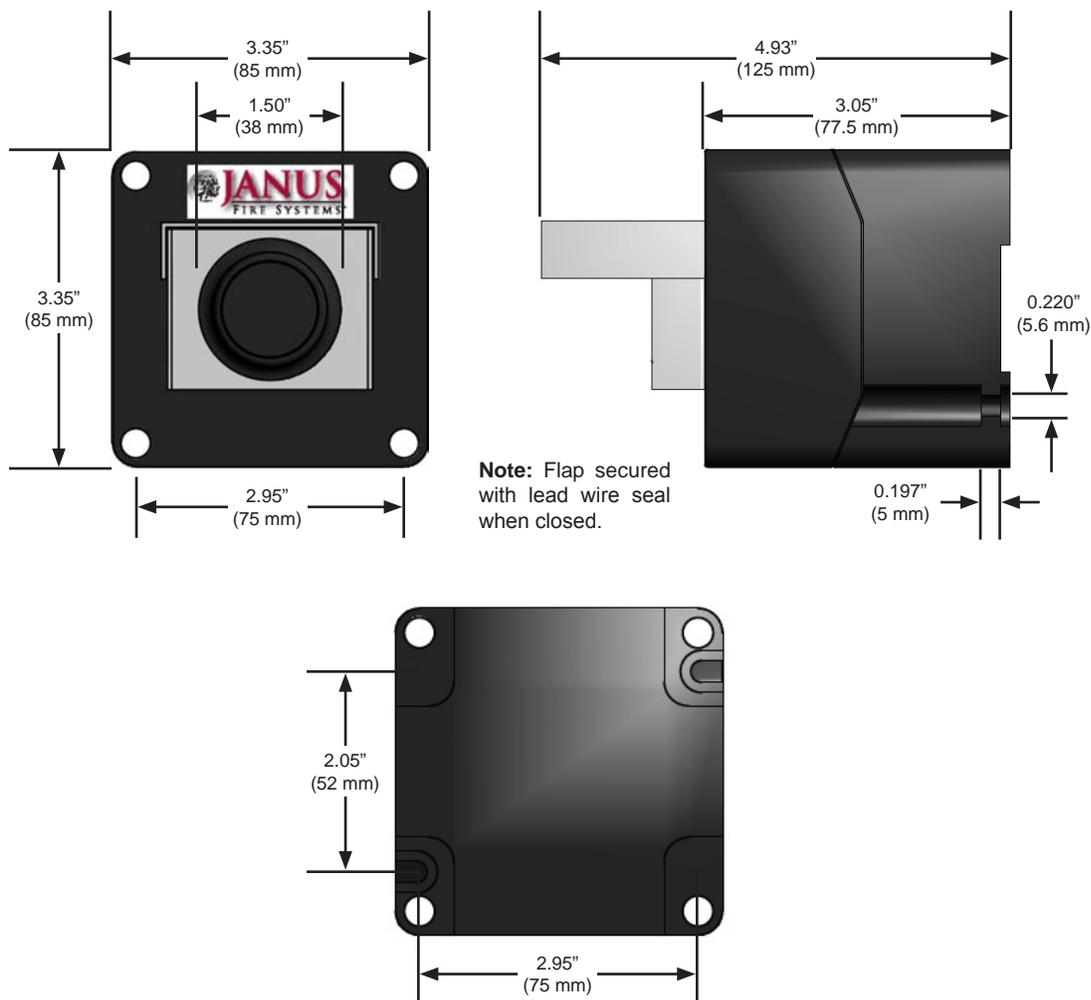
Operation

To initiate release, break lead wire seal, lift flap, and push button.

Specifications

Certification:	CENELEC EN50014, 18, 19 & 20. Certificate No. PTB 00 ATEX 3117. EExed IIC T6 (Tamb 48°C). Zones 1 & 2 UL Listed for USA and Canada Class I, Div 2, Groups A-D. Class I, Zone 1, AExde IIB+H ₂ T6 and Class II, Div 1, Groups E, F & G (cUL). Listing No. E194809
Material:	Impact resistant thermoplastic, anti-static enclosure with stainless steel cover screws
Finish:	Self colored black.
Operating Temperatures:	-4°F to 104°F (-20°C to 40°C) (MMS-2) -67°F to 122°F (-55°C to 50°C) (MMS-3)
Ingress Protection:	IP66
Termination:	10 AWG max. direct to components Max voltage rating 400 V
Earthing:	Internal earth terminal (MMS-3); External earth terminal (MMS-2)
Entries:	1 x 1/2" NPT bottom entry (MMS-2) 1 x 20 mm bottom entry (MMS-3)
Contacts:	Two (2) N.O. – 16A @ 240 VAC

Dimensions



Ordering Information

Model	P/N	Description	Ship Wt. lb (kg)
MMS-2	19060	Explosion-Proof Momentary Release Station (UL Listed)	2.9 (1.3)
MMS-3	19099	Explosion-Proof Momentary Release Station (ATEX)	2.9 (1.3)

Note: Approvals/Listings maintained by and manufactured by MEDC Ltd.

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